



N.C. 51 (Matthews Township Parkway) Widening and Improvements Project between Sardis Road(S.R. 3356) and Monroe Road (S.R.1009) / W. John Street (S.R. 1010)

State Transportation Improvement Program (STIP) Project No. U-5763

July 31, 2018

Your input is requested!

Your input will ensure that the team members are aware of information and issues experienced by residents, motorists, and business owners. Please use the attached comment form to share your thoughts, concerns or suggestions with us. And, by filling out the form, your comments become part of the project record. You may complete the comment form and leave it here, or take it home and mail or email it to us later. **Please provide your comments by August 31, 2018.**

Project Overview

N.C. 51 (Matthews Township Parkway) is currently a four-lane road with a raised median, curb and gutter and areas of sidewalk. NCDOT Division 10 plans to widen and improve approximately one mile of N.C. 51 (Matthews Township Parkway) between Sardis Road and Monroe Road/W. John Street in Matthews.

The road will be widened from four to six lanes with a raised median, intersection improvements at Monroe Road/W. John Street, Fullwood Lane, and Sardis Road, as well as pedestrian and bicycle improvements and enhancements. A partial continuous flow intersection (CFI) will be constructed at the N.C. 51 (Matthews Township Parkway) and Monroe Road/W. John Street intersection. See Page 4 for additional information on the partial continuous flow intersection (CFI).



The yellow outline represents the general study area for this project

Connecting people and places safely and efficiently, with accountability and environmental sensitivity to enhance the economy, health and well-being of North Carolina.

Purpose & Need

The purpose of the proposed project is to increase capacity along N.C. 51 (Matthews Township Parkway) between Sardis Road and Monroe Road/W. John Street and to improve traffic flow at intersections.

Why Improve N.C. 51 (Matthews Township Parkway)?

The 2017 Average Annual Daily Traffic (AADT) along N.C. 51 (Matthews Township Parkway) ranges from 33,200 to 43,600 vehicles per day (vpd) within the study area making this stretch of roadway one of the busiest roadways in Matthews during peak traffic hours. Traffic forecasts for this stretch of road show up to 60,400 vpd in 2040, an increase of 92%. N.C. 51 (Matthews Township Parkway) at its intersection with Monroe Road/W. John Street currently operates at 38,400 vpd, with 2040 forecasts showing approximately 54,800 vpd.



N.C. 51 (Matthews Township Parkway) as it currently exists will not accommodate the high traffic volumes expected in the future. Without additional travel lanes and improved intersections, congestion along the corridor, especially during morning and evening rush hours, will be significant. To help minimize current congestion and accommodate the future growth in traffic, improvements are needed.

N.C. 51 (Matthews Township Parkway) Widening Project Development

As part of the State Environmental Policy Act (SEPA) process, the NCDOT project team is preparing a Minimum Criteria Checklist document that examines the proposed project - including intersection and roadway improvement alternatives, costs, and impacts to the environment - in order to identify issues that may require future consideration in the planning and/or design phases. The examination and identification of potential impacts to the social, natural or cultural environments, businesses and homes within the project area allows planners and designers to minimize impacts during future design and construction phases.

Once traffic studies have identified congested areas and concepts for improving mobility, a preliminary roadway design is developed. The preliminary design will show the potential roadway alignment, proposed intersection improvements/designs and potential impacts as a result of these improvements.

This conceptual design, based upon the results of the traffic studies, is what is being presented at tonight's meeting.

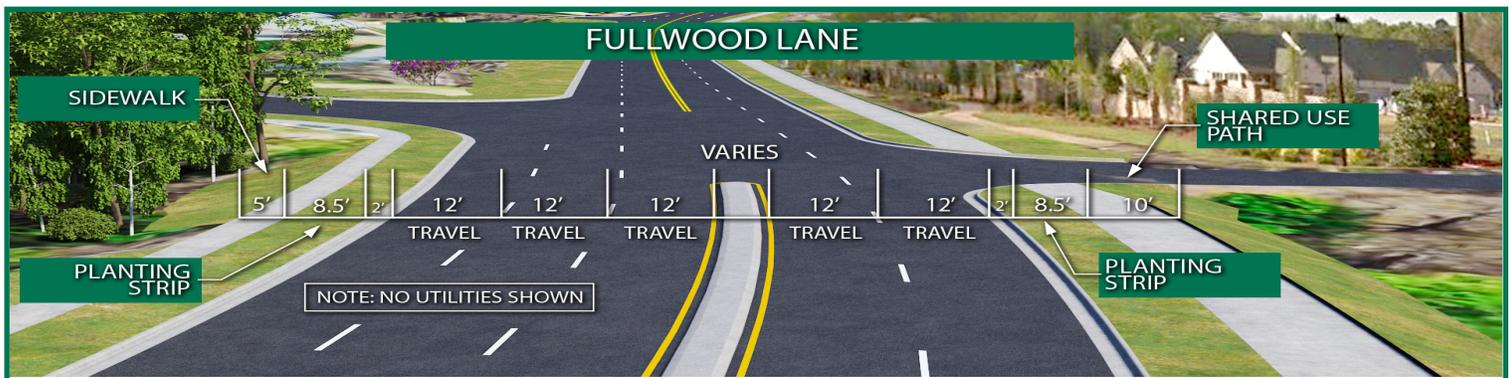
Project Schedule

Environmental Analysis Complete	Fall 2018
Right-of-Way	Winter 2019
Construction	Spring 2021

What Will the Improved N.C. 51 (Matthews Township Parkway) Look Like?



N.C. 51 between Sardis Road and Monroe Road/W. John Street will be widened from four to six lanes with a sidewalk along Westbound and a shared use path along Eastbound N.C. 51.



At the intersections of Sardis Road/N.C. 51 and Fullwood Lane/N.C. 51, expanded turn lanes and additional through lanes will be added to N.C. 51. Expanded turn lanes and sidewalks will also be added to Fullwood Lane. A raised median will be added to N.C. 51 between Sardis Road and Fullwood Lane.



At N.C. 51 and Monroe Road/W. John Street, a new partial continuous flow intersection (CFI) will be constructed. Improvements along Monroe Road/W. John Street include dual rights from Southbound Monroe to Westbound N.C. 51. The intersection improvements will also include pedestrian and bike accommodations utilizing a shared use path along Eastbound N.C. 51. Sidewalk improvements along Westbound N.C. 51 will also be constructed. (Sidewalk improvements are subject to municipal agreements.)

What Is a CFI?

A continuous flow intersection (CFI), sometimes referred to as a displaced left turn intersection, is an innovative design that allows vehicles to travel more efficiently through an intersection. A CFI enhances safety and increases traffic flow through intersections by allowing left-turning traffic to move simultaneously. A CFI shifts left turning traffic to the outside edges of the road, which allows through traffic to move through the middle of an intersection simultaneously, thus increasing the number of vehicles that can navigate through the intersection in a single traffic light cycle.

While operations of a full CFI at the N.C. 51 (Matthews Township Parkway) and Monroe Road/W. John Street intersection operates the best of all the screened intersection concepts (with the Partial CFI East-West concept coming in second), the Partial CFI East-West has the least number of business displacements at nine as opposed to 10 with the full CFI. Therefore, the Partial CFI East-West concept was selected as the Recommended Alternative for the N.C. 51 (Matthews Township Parkway) and Monroe Road/W. John Street intersection.



What is Next?

After the public comment period ends on August 31, 2018, NCDOT will review all comments. Comments received will be considered and suggestions incorporated as the project design progresses.

Following any updates to the recommended alternative design from input received during the public involvement process, impacts to the social, natural and cultural environments will be assessed and a Minimum Criteria Checklist document will be prepared for review and approval by NCDOT.

Design plans will continue to be refined and advanced to right-of-way plan approval along with the submittal of necessary permits to federal and state agencies required for project construction.

For more information on **STIP Project U-4714: East John Street Widening Project**, please visit the project website at:

<http://www.matthewsnc.com/pview.aspx?id=20874&catid=567>

For more information:

Contact project team members directly at:

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Charlotte, NC 28202
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704-816-2544

Additional project information, including the public meeting maps you see today, can be found on-line at:

<https://www.ncdot.gov/news/public-meetings>



CONCEPTUAL PLANS
STIP PROJECT U-5763
MECKLENBURG COUNTY
MATTHEWS TOWNSHIP PARKWAY (NC 51)
RECOMMENDED ALTERNATIVE
 PARTIAL CONTINUOUS FLOW INTERSECTION EAST-WEST



CONCEPTUAL PLANS
 DO NOT USE FOR R/W ACQUISITION

SUBJECT TO CHANGE
CONCEPT DATED

07-31-2018

* NO UTILITIES SHOWN



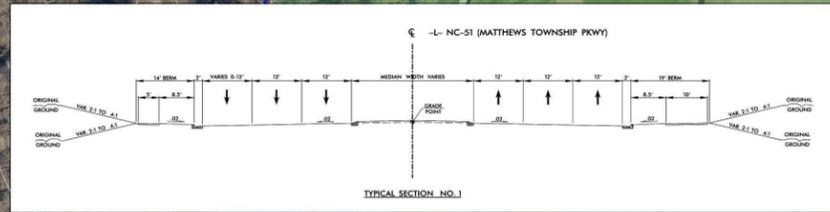
STV Engineers, Inc.
 900 West Trade St., Suite 715
 Charlotte, NC 28202
 NC License Number F-0991

LEGEND

- EXISTING ROADWAY TO BE RESURFACED
- PROPOSED ROADWAY
- PROPOSED STRUCTURE, CURB & GUTTER, SIDEWALK, AND ISLAND
- PROPOSED GRASS-MEDIAN
- APPROXIMATE LOCATION OF CATS SILVER LINE
- EXISTING PARKS
- EXISTING HISTORIC PROPERTY
- EXISTING NWI WETLAND
- EXISTING CEMETERIES
- EXISTING LAKES, RIVERS, STREAMS AND PONDS
- EXISTING RAILROAD RIGHT-OF-WAY
- EXISTING CSX RAIL LINE
- EXISTING TRAFFIC SIGNAL
- PROPOSED TRAFFIC SIGNAL
- PROPOSED RIGHT-OF-WAY LINE
- EXISTING RIGHT-OF-WAY & PROPERTY LINES

PROPERTY OWNERS

107	COVENANT DAY SCHOOL, INC
108	CCC REAL ESTATE, LLC
109	PEPERO ENTERPRISES, INC.
110	BC&H COMPANY
111	BC&H COMPANY, INC
112	HILLSIDE PARTNERSHIP
113	CAMPS CONSTRUCTION COMPANY
114	STRONGHAVEN, INC
115	ENTERPRISE
116	SAMSAL, LLC
117	PSAC DEVELOPMENT PARTNERS L.P.
118	MATTHEWS TOWNSHIP PKWY
119	CHRIST COVENANT PRESBYTERIAN CHURCH
120	MATTHEWS COMMUNITY GARDEN
121	SOAR YOUTH LEAGUE SPORTS
122	CHRIST COVENANT CHURCH
123	COVENANT DAY SCHOOL INC
124	HISTORIC MATTHEWS CEMETERY
125	VACANT
126	CHRIST COVENANT CHURCH
127	COVENANT DAY SCHOOL
128	CHRIST COVENANT CHURCH
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130	CHRIST COVENANT CHURCH
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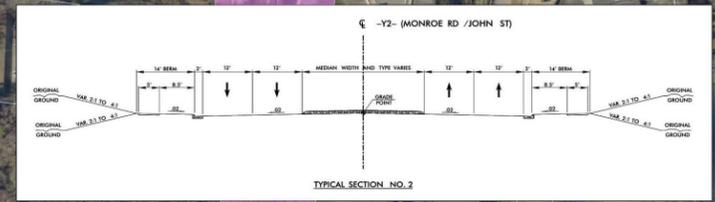


LOS D (D)

38,400	12,600	38,000	11,200
54,800	19,000	46,400	12,600
4,800	12,800	20,800	36,400
1,800	8,800	2017	2040
AVERAGE DAILY TRAFFIC			

LOS C (C)

43,600	10,400	40,000	56,800
9,800	6,200	16,000	2017
10,400	6,800	17,200	2040
AVERAGE DAILY TRAFFIC			



END TIP PROJECT U-5763
 -L- STA. 95+65

SCALE: 1" = 80'



Sean Epperson, PE
NCDOT Division 10
716 W. Main St.
Albemarle, NC 28001

Place
Stamp
Here

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Albemarle, NC 28001

TITLE VI PUBLIC INVOLVEMENT FORM

Completing this form is **completely** voluntary. You are not required to provide the information requested in order to participate in this meeting.

Meeting Type: Public Meeting	Date: July 31, 2018
Location: Christ Covenant Church, Matthews, NC	
TIP No.: U-5763	
Project Description: NCDOT Division 10 desires to widen approximately one mile of N.C. 51 (Matthews Township Parkway) between S.R. 3356 (Sardis Road) and S.R. 1009 (Monroe Road)/ S.R. 1010 (W. John Street).	

In accordance with Title VI of the Civil Rights Act of 1964 and related authorities, the N.C. Department of Transportation assures that no person(s) shall be excluded from participation in, denied the benefits of, or subjected to discrimination under any of the Department's programs, policies, or activities, based on their race, color, national origin, disability, age, income, or gender.

Completing this form helps meet our data collection and public involvement obligations under Title VI and NEPA, and will improve how we serve the public. Please place the completed form in the designated box on the sign-in table, hand it to an NCDOT official or mail it to the Environmental Analysis Unit, 1598 Mail Service Center, Raleigh, NC 27699-1598.

All forms will remain on file at the NCDOT as part of the public record.

Zip Code: _____	Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female
Street Name: (i.e. Main Street) _____	Age: <input type="checkbox"/> Less than 18 <input type="checkbox"/> 45-64 <input type="checkbox"/> 18-29 <input type="checkbox"/> 65 and older <input type="checkbox"/> 30-44
Total Household Income: <input type="checkbox"/> Less than \$12,000 <input type="checkbox"/> \$47,000 – \$69,999 <input type="checkbox"/> \$12,000 – \$19,999 <input type="checkbox"/> \$70,000 – \$93,999 <input type="checkbox"/> \$20,000 – \$30,999 <input type="checkbox"/> \$94,000 – \$117,999 <input type="checkbox"/> \$31,000 – \$46,999 <input type="checkbox"/> \$118,000 or greater	Have a Disability: <input type="checkbox"/> Yes <input type="checkbox"/> No
Race/Ethnicity: <input type="checkbox"/> White <input type="checkbox"/> Black/African American <input type="checkbox"/> Asian <input type="checkbox"/> American Indian/Alaskan Native <input type="checkbox"/> Native Hawaiian/Pacific Islander <input type="checkbox"/> Hispanic/Latino <input type="checkbox"/> Other (please specify): _____	National Origin: (if born outside the U.S.) <input type="checkbox"/> Mexican <input type="checkbox"/> Central American: _____ <input type="checkbox"/> South American: _____ <input type="checkbox"/> European: _____ <input type="checkbox"/> Chinese <input type="checkbox"/> Vietnamese <input type="checkbox"/> Korean <input type="checkbox"/> Other (please specify): _____

How did you hear about this meeting? (newspaper advertisement, flyer, and/or mailing) _____

For more information regarding Title VI or this request, please contact the NCDOT Title VI Nondiscrimination Program at (919) 508-1808 or toll free at 1-800-522-0453, or by email at titleVI@ncdot.gov. Thank you for your participation!



NCDOT - Environmental Analysis Unit
Attn: Lauren Putnam
1598 Mail Service Center
Raleigh, NC 27699-1598